

## ABSTRACT OF THE DISCLOSURE

A bandpass filter, and associated method, are provided for an optical data signal, wherein the transmission curve of the bandpass filter has a passband at a mid-frequency for a particular bandwidth. The transmission curve has an attenuation range  
5 which covers the mid-frequency. This makes it possible to effectively increase the sensitivity of optical reception, particularly at a high data rate. When use is made of a number of bandpass filters having passbands which are arranged next to one another spectrally, such arrangement is highly suitable for a WDM signal.